| Index of Claims | Application No. | Applicant(s |
|-----------------|-----------------|-------------|
|                 | 10/071,513      | BARRY ET    |
|                 | Examiner        | Art Unit    |
|                 | John C. Hong    | 3726        |
|                 |                 |             |

| 1 | Rejected | 1 | (Through numeral)<br>Cancelled |  | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|--|---|--------------|---|----------|
| = | Allowed  | ÷ | Restricted                     |  | - | Interference | o | Objected |

| Cla   | aim      |      |            |           |              | D            | ate      | ;        |          |                 |          |            | Cla      | im       |                 |          |                 | D        | ate      |           |          |         | ]            | Cl       | aim        |          |          |   |  | Date           | }        | _               |               |           |
|---|----------|------|------------|-----------|--------------|--------------|----------|----------|----------|-----------------|----------|------------|----------|----------|-----------------|----------|-----------------|----------|----------|-----------|----------|---------|--------------|----------|------------|----------|----------|---|--|----------------|----------|-----------------|---------------|-----------|
|   | -a       | 5    |            |           | Т            | T            | П        |          |          |                 |          |            |          | <u>m</u> |                 |          | T               | T        |          | T         |          | П       | 1            |          | al         |          |          |   |  |                |          |                 |               |           |
| Final   | Original | 21 1 | ı          |           |              | -            |          |          |          |                 |          |            | Final    | Original | 1               |          |                 |          |          |           |          | ļ       |              | Final    | Original   |          |          |   |  |                |          |                 |               |           |
| 证   | Š        | V    | 2          |           |              | ı            |          |          |          |                 | l        | i          | ㅁ        | Ö        |                 |          | ı               | ļ.       |          |           |          |         |              | iI       | Ö          |          |          |   |  |                |          |                 | İ             |           |
|   |          | 1    | 1          | ╀         | 4            | 4            | _        |          |          |                 | _        |            |          |          |                 |          | _               | _        | _        | ┵         | _        | 4_      | 1            | <u> </u> |            |          | _        |   |  |                |          | Щ               | _             | _         |
| <u> </u>  | 1        | Į≡   | ╪          | ↓         | ┵            | _            | _        | _        |          |                 | _        | <u> </u>   | _        | 51       |                 |          | _               | 4        | _        | 4         | 4-       | 4       | -            | ļ        | 101        |          | _        | _ | _  |                |          | $\square$       | _             | _         |
| <u> </u>  | 2        | 11   | ╀          | ↓         | _            | 4            | _        |          |          | Ш               | _        | ⊢          | _        | 52       |                 | _        | $\dashv$        | _        | +        | +         | _        | _       | 4            | <u> </u> | 102        |          |          |   | <u> </u>   |                |          | Ш               | $\dashv$      | $\dashv$  |
|   | 3        | 4    | ┿          | +         | +            | +            | 4        | _        | _        | $\sqcup$        | _        | <u> </u>   |          | 53       | -               | $\dashv$ | -               | 4        | _        | +         | 4        | $\perp$ | ┨            | <b>├</b> | 103        | $\dashv$ | _        |   |  | ļ.,            | _        | $\vdash$        |               | $\dashv$  |
| L   | 4        | ₩    | +-         | ╀         | 4-           | 4            |          | _        |          | Н               | $\dashv$ | <u> </u>   | $\dashv$ | 54       | Н               | $\dashv$ | $\dashv$        | +        | +        | +         |          | +       | 4            | <u> </u> | 104        | -        | -        |   | <u> </u>   |                | _        | $\vdash \vdash$ |               | $\dashv$  |
| <u> </u>  | 5        | #    | ╁┈         | ╀         | +            | +            | +        |          |          | -               | _        | -          | 1        | 55<br>56 | -               | -        |                 | +        | -        | +-        | +        | +       | ł            | ├—       | 105<br>106 | $\dashv$ | $\dashv$ | _ | -  |                | _        | $\vdash$        | 7             | -         |
| <u> </u>  | 7        | ╫    | ┿          | +         | +            | +            | $\dashv$ |          |          | -               |          | -          |          | 57       | H               |          | -+              | +        |          | ╫         | +        | +       | ł            | -        | 107        |          | $\dashv$ | _ | ├  | -              | -        | $\vdash \vdash$ | ∸             | $\dashv$  |
|   | 8        | ╢    | ╁          | +         | +            | +            | $\dashv$ | -        | Н        | Н               |          | $\vdash$   | _        | 58       | $\vdash$        |          | $\dashv$        | +        | +        | ╅         | ╁        | +-      | 1            |          | 107        | $\dashv$ |          |   | ┝  | ⊢              | $\dashv$ | $\vdash \vdash$ | $\dashv$      | $\dashv$  |
| <u> </u>  | 9        | ₩    | ╁          | ╁         | +            | ╁            | +        |          | -        | Н               | $\dashv$ | -          | $\dashv$ | 59       | H               | $\dashv$ | +               | +        | +        | ╅         | +        | +       | ł            | -        | 109        |          | -        |   | -  | $\vdash$       |          | $\vdash$        | -             | -         |
| <b></b>   | 10       | ₩    | ╁          | ╁         | ╁            | ╁            | -+       | -        |          | Н               | $\dashv$ | $\vdash$   | $\dashv$ | 60       | H               | $\dashv$ | $\dashv$        | +        | +        | +         | +        | +       | ┨            | $\vdash$ | 110        | $\dashv$ | $\dashv$ |   | $\vdash$   | $\vdash$       | Н        | $\vdash$        | $\dashv$      | $\dashv$  |
| <b>—</b>  | 11       | ╫    | +-         | +         | +            | +            | +        |          |          | Н               | $\dashv$ | $\vdash$   | $\dashv$ | 61       | $\vdash$        | +        | $\dashv$        | $\dashv$ | +        | +         | +        | +       | 1            |          | 111        |          | $\dashv$ |   | $\vdash$   |                |          | $\vdash$        | -+            | $\dashv$  |
| <u> </u>  | 12       | ╫    | +          | t         | +            | +            | +        |          |          | H               | $\dashv$ | $\vdash$   | -        | 62       |                 |          | -+              | ┪        | $\dashv$ | +         | +        | +       | 1            | <b>—</b> | 112        | $\dashv$ |          | - | <del>                                     </del> | $\vdash$       | H        | Н               | $\dashv$      | $\dashv$  |
| <del></del>   | 13       | #    | T          | t         | $\dagger$    | +            | 7        |          |          | H               | $\dashv$ | -          |          | 63       |                 | -        | $\dashv$        | $\dashv$ | $\dashv$ | +         | $\dashv$ | $\top$  | 1            |          | 113        | $\dashv$ | 一        | _ |  | М              |          | $\square$       | $\dashv$      | $\dashv$  |
|   | 14       | #    | $\top$     | $\dagger$ | $\dagger$    | $\dashv$     | 7        | 一        |          | Н               | $\dashv$ |            |          | 64       | Н               | $\dashv$ | $\dashv$        | 1        | $\top$   | $\dagger$ | $\top$   | $\top$  | 1            |          | 114        | $\Box$   | $\neg$   |   | T  | П              | $\Box$   | $\Box$          | $\dashv$      | $\exists$ |
|   | 15       | #    | T          | T         | $\dagger$    | $\top$       | T        |          |          | П               | $\dashv$ |            |          | 65       | П               | $\dashv$ | 寸               | T        | $\dashv$ | +         | $\top$   | T       | 1            |          | 115        | П        | $\neg$   |   | Г  | П              |          | П               | $\dashv$      | $\dashv$  |
|   | 16       | 1    | Τ          | T         | +            | 7            | 7        |          |          |                 | $\neg$   |            |          | 66       | П               |          |                 |          | T        | T         | T        | T       | 1            |          | 116        |          |          |   |  |                |          | 団               | $\neg$        | 一         |
|   | 17       | 11   | Τ          |           | $\top$       | +            | 寸        | $\neg$   |          | М               |          |            | $\neg$   | 67       | П               | $\dashv$ | 寸               | $\neg$   | $\top$   | 7         |          | 1       | 1            |          | 117        | $\Box$   |          |   | Г  |                |          | П               | $\dashv$      |           |
|   | 18       | П    | $\top$     | Τ         | _            | ╗            |          |          |          | П               |          |            |          | 68       | П               |          | T               | $\top$   | T        | 十         | T        | T       | 1            |          | 118        |          |          |   |  |                |          | П               | $\exists$     | $\neg$    |
|   | 19       | П    | $\top$     | T         | $\top$       | $\top$       | ┪        |          |          | П               |          |            |          | 69       | П               | 一        | $\neg \uparrow$ | T        | ╗        | 1         |          | 1       | 1            |          | 119        |          |          |   |  |                |          | П               | $\neg$        | コ         |
|   | 20       | П    |            |           | T            | T            |          |          |          | П               |          |            |          | 70       | П               |          |                 | T        | T        | 丁         | T        | 1       | 1            |          | 120        |          |          |   |  |                |          | П               |               | ヿ         |
|   | 21       | П    | Т          | Τ         | Т            | T            | $\Box$   |          |          | П               |          |            |          | 71       |                 |          |                 |          | Т        | Т         |          | Т       | ]            |          | 121        |          |          |   |  |                |          | П               |               | $\Box$    |
|   | 22       | П    | 1          | Τ         | Т            |              |          |          |          | П               |          |            |          | 72       | П               | $\neg$   |                 |          |          | Т         |          |         | 1            |          | 122        |          |          |   |  |                |          | П               |               | $\neg$    |
|   | 23       | П    |            |           |              |              |          |          |          |                 |          |            |          | 73       |                 |          |                 |          |          |           |          |         | ]            |          | 123        |          |          |   |  |                |          |                 | $\Box$        |           |
|   | 24       | П    |            |           |              |              |          |          |          |                 |          |            |          | 74       |                 |          |                 |          |          |           |          |         | ]            |          | 124        |          |          |   |  |                |          |                 |               |           |
|   | 25       | П    |            |           |              |              |          |          |          |                 |          |            |          | 75       |                 |          |                 |          |          |           |          |         | ]            |          | 125        |          |          |   |  |                |          |                 |               |           |
|   | 26       | П    |            | $\perp$   |              |              |          |          |          |                 |          |            |          | 76       |                 |          |                 |          |          |           | $\perp$  |         | ]            |          | 126        |          |          | i |  |                |          |                 | $\Box$        |           |
| $ldsymbol{le}}}}}}}}}$ | 27       | Ŀ    | <u>-</u> L | ┸         | ⊥            | _            |          | $\Box$   |          | Ш               |          | $\perp$    |          | 77       | Ш               | $\Box$   |                 | $\perp$  | $\perp$  | $\perp$   | $\perp$  |         | ]            |          | 127        |          |          |   | L  |                |          |                 |               |           |
| <u></u>   | 28       | ┖    | ┸          | $\perp$   |              | ᆚ            | $\perp$  | _        |          | Ш               | _        | L          |          | 78       | Ш               | _        | _               | $\perp$  | $\perp$  | $\perp$   | ┸        | $\perp$ | Į            |          | 128        |          |          |   | L  |                | $\Box$   | Ш               | ightharpoonup | _         |
| <u> </u>  | 29       | 1_   | _          | ┸         | _ _          |              | _        |          |          |                 |          | L          |          | 79       | Ш               |          |                 | _        |          | 1         |          |         | 1            |          | 129        |          |          |   |  | Ш              |          | Ш               | _             | _         |
| <u> </u>  | 30       | L    | ┸          | ┸         | ┸            | ┙            | _        | _        |          | Ш               | _        | L          |          | 80       | Ш               | _        | _               | $\perp$  | 4        | 1         | ┸        | _       | 1            |          | 130        |          |          |   |  |                | $\perp$  | Ш               | _             | _         |
| <u> </u>  | 31       | 1    | $\perp$    | $\perp$   | $\downarrow$ | $\downarrow$ | 4        | _        |          | Щ               | _        | <u> </u>   |          | 81       | Ш               | ļ        | 4               | _        |          | 4         |          | _       | 1            | <u> </u> | 131        |          | ļ        |   | <u> </u>   | Щ              |          | Ш               | _             | _         |
| <u> </u>  | 32       | 1    | $\bot$     | $\perp$   | ╀            | 4            | 4        | _        |          | $\sqcup$        | $\dashv$ | <u> </u> _ |          | 82       | $\sqcup$        | _        | $\perp$         | $\dashv$ | $\bot$   | 4         | $\bot$   | 1       | 1            | $\perp$  | 132        |          |          |   | <u> </u>   | Щ              | Ш        | Щ               | _             | _         |
| <u> </u>  | 33       | 1    | $\perp$    | $\perp$   | +            | 4            | 4        | _        |          | $\square$       | 4        | <u> </u>   |          | 83       | $\sqcup$        |          | $\dashv$        | _        | $\perp$  | +         | 4        | $\perp$ | 1            | $\vdash$ | 133        |          |          |   | <u> </u>   | Щ              | Щ        | Щ               | _             | _         |
| <u> </u>  | 34       | +    | +          | +         | +            | +            | $\dashv$ | _        | $\sqcup$ | Н               | $\dashv$ | $\vdash$   | _        | 84       | $\sqcup$        | $\dashv$ | $\dashv$        | +        | +        | +         | +        | +       | 1            | <u> </u> | 134        |          | $\dashv$ |   | $\vdash$   | $\vdash$       | Щ        | $\vdash$        |               |           |
| <u> </u>  | 35       | +    | +          | +         | +            | +            | $\dashv$ | $\dashv$ |          | $\vdash \vdash$ | $\dashv$ | $\vdash$   |          | 85       | $\vdash \vdash$ |          | $\dashv$        | +        | +        | +         | +        | +       | 1            | <u> </u> | 135        | $\vdash$ |          |   | ├—   | $\vdash$       | $\vdash$ | <b>├</b> -      | $\dashv$      | $\dashv$  |
| <u> </u>  | 36       | +    | ╁          | ╀         | +            | +            | +        |          | _        | $\vdash \vdash$ | $\dashv$ | $\vdash$   |          | 86       | ┝┤              | -        | $\dashv$        | +        |          | +         |          | +       | 1            | <u> </u> | 136        |          | -        |   | <u> </u>   | $\vdash$       | -        | $\dashv$        |               | 긕         |
| <u> </u>  | 37<br>38 | +    | +          | +         | +            | +            | +        | $\dashv$ | $\vdash$ | Н               | $\dashv$ | $\vdash$   | $\dashv$ | 87<br>88 | $\vdash \vdash$ | $\dashv$ | +               | +        | +        | +         | +        | +       | $\mathbf{I}$ | H-       | 137<br>138 |          |          | _ | -  | $\vdash$       | $\vdash$ | ⊢⊢              | $\dashv$      | $\dashv$  |
| <del> </del>  | 39       | ╁    | +          | +         | +            | +            | +        | $\dashv$ |          | Н               | $\dashv$ | $\vdash$   | $\dashv$ | 89       | H               | $\dashv$ | +               | +        | +        | +         | +        | +       | 1            | $\vdash$ | 138        | -        |          | _ | _  | $\vdash$       | $\vdash$ | $\dashv$        | -+            | $\dashv$  |
| <del> </del>  | 40       | ╀    | +-         | +         | +            | +            | +        |          | -        | $\vdash$        | _        | $\vdash$   |          | 90       | H               |          | +               | +        | +        | +         | +        | +       | 1            | $\vdash$ | 140        | -        |          | - | -  | $\vdash$       |          | $\dashv$        | $\dashv$      | $\dashv$  |
| <del></del>   | 41       | ╁    | +          | +         | +            | +            | +        | $\dashv$ | $\dashv$ | $\vdash$        | $\dashv$ | -          | $\dashv$ | 90       | H               | $\dashv$ | $\dashv$        | +        | +        | +         | +        | +       | 1            | -        | 141        | $\vdash$ | $\dashv$ |   | $\vdash$   | Н              | $\dashv$ | $\dashv$        | $\dashv$      | $\dashv$  |
|   | 41       | ╁    | +          | +         | +            | +            | +        | $\dashv$ | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$   |          | 92       | $\vdash$        | $\dashv$ | $\dashv$        | +        | +        | +         | +        | +-      | 1            |          | 142        | $\dashv$ | $\dashv$ |   | $\vdash$   | $\vdash\vdash$ | $\vdash$ | $\dashv$        | $\dashv$      | $\dashv$  |
|   | 43       | ╁    | ╁          | +         | +            | +            | +        |          | $\dashv$ | $\vdash$        | $\dashv$ | $\vdash$   |          | 93       | $\vdash$        |          | +               | +        | +        | +         |          | +       | ł            |          | 143        | $\dashv$ | $\dashv$ |   | $\vdash$   | Н              |          | $\dashv$        | $\dashv$      | ᅱ         |
| $\vdash$  | 44       | +    | ╁          | +         | +            | +            | +        | $\dashv$ | -        | $\vdash$        | -        | $\vdash$   |          | 94       | Н               | -+       | +               | +        | +        | +         | +        | +       | 1            | -        | 144        | $\dashv$ | $\dashv$ |   | $\vdash$   | $\vdash$       |          | $\dashv$        | -+            | $\dashv$  |
| $\vdash$  | 45       | ╁    | ╁╌         | ╁         | +            | +            | +        | $\dashv$ |          | $\vdash$        | $\dashv$ | $\vdash$   |          | 95       | $\vdash \dashv$ | $\dashv$ | +               | $\dashv$ | +        | +         | +        | +       | 1            | -        | 145        | $\dashv$ | $\dashv$ |   | $\vdash$   | $\vdash$       | $\dashv$ | $\dashv$        | $\dashv$      | $\dashv$  |
| $\vdash$  | 46       | ╁    | ╁          | +         | +            | +            | $\dashv$ |          | $\dashv$ | $\vdash$        | $\dashv$ | $\vdash$   | $\dashv$ | 96       | $\vdash$        | $\dashv$ | $\dashv$        | +        | ┰        | +         | +-       | +-      | 1            | <u> </u> | 146        |          |          |   | $\vdash$   | H              | $\dashv$ | $\dashv$        | $\dashv$      | $\dashv$  |
| <del></del>   | 47       | ╁    | +          | 十         | +            | +            | +        | +        | $\dashv$ | $\vdash \vdash$ | $\dashv$ | $\vdash$   | $\dashv$ | 97       | $\vdash$        | $\dashv$ | +               | $\dashv$ | +        | +         | +        | +-      | 1            | $\vdash$ | 147        |          |          |   | $\vdash$   | $\vdash$       | -        | $\dashv$        | +             | ᅱ         |
| $\vdash$  | 48       | +    | +          | +         | +            | +            | $\dashv$ | +        | $\dashv$ | $\vdash$        | $\dashv$ | -          | $\dashv$ | 98       | $\vdash$        | 一        | +               | +        | +        | +         | +        | +       | 1            |          | 148        | $\dashv$ | -1       | _ |  | $\vdash$       | -        | $\dashv$        | $\dashv$      | ⊣         |
| <del>                                     </del>  | 49       | ╁╴   | +          | +         | +            | +            | +        | -        | $\dashv$ | $\vdash$        | ᅱ        | $\vdash$   | $\dashv$ | 99       | $\vdash \dashv$ | ᆉ        | $\dashv$        | +        | +        | +         | +        | +-      | 1            |          | 149        | $\dashv$ | -        | - | $\vdash$   | Н              | $\dashv$ | $\dashv$        | $\dashv$      | $\dashv$  |
|   | 50       | ╁    | +          | +         | +            | +            | +        | $\dashv$ | $\dashv$ | $\vdash$        | $\dashv$ |            |          | 100      | Н               | $\dashv$ | $\dashv$        | +        | +        | +         | +-       | +       | 1            | $\vdash$ | 150        | $\dashv$ | $\dashv$ |   | $\vdash$   | Н              | $\dashv$ | $\dashv$        | $\dashv$      | ᅱ         |
|   |          |      |            | ᆚ.        |              | Щ.           |          |          |          | لـــا           |          | ᆫ          |          | 100      | ш               |          | L               | ㅗㅗ       |          |           |          |         | J            |          | 130        |          |          |   | ш  | ╙              |          |                 |               |           |